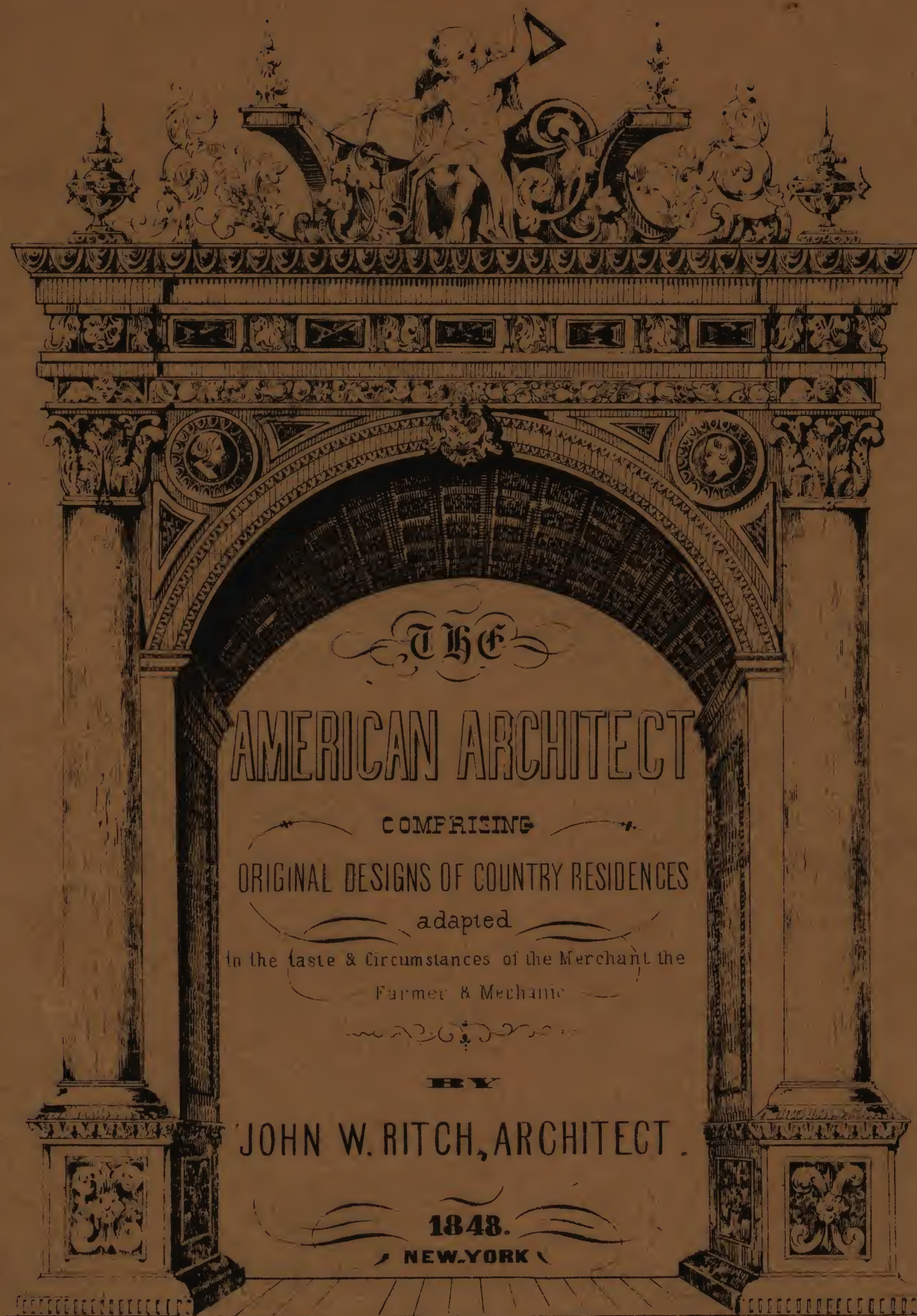


PRICE 25 C^t \$3 P^a ANNUM.

PUBLISHED MONTHLY.

N^o 14.



NEW YORK,

*Published by C. M. SAXTON, 205 Broadway.
and for Sale by H. LONG & BROTHER, 32 Ann St
BOSTON, F. S. SAXTON.*

*PHILADELPHIA, W^m GROVES & C.^o
and by all the Periodical Booksellers in the U.S.*

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Alan O'Bright

DESIGN NO. 14

PRESENTS a very compact, and commodious house, in a neat and simple style, devoid of ornament, and with no pretensions to elegance except in its harmonious proportions.

It will be found quite convenient for a small family on the outskirts of a city, or as a village residence.

The principal floor plan shows the economical arrangement of the fire-places, to use one chimney for all the fires. On this floor is the parlor, sitting room, two bed-rooms, one of which may be used for a store-room and pantry for the living room; two closets convenient to both principal rooms, a front and rear passage, and a piazza across the front, the central part of which is enclosed for a porch. The basement may be arranged to suit the convenience of the family, with kitchen, cellar, milk-room and closets. The second story contains five good sized bed-rooms. The hall, giving access to the two front rooms, passes through an arch in the chimney. The cockloft can be arranged as required.

PLATE LIII.

A Perspective View, showing the Entrance Front, and End of the Building.

PLATE LIV.

The Front and End Elevations.

PLATE LV.

The First and second story Plans.

PLATE LVI.

DETAILS.—Fig. 1. Section of Chimney, showing the opening for passing into the front passage. A. Second Story Floor. B. First Story Floor. C. Cellar Floor. D. Foundation for Chimney. E. Kitchen Fire-Place. F. Oven Fire-Place. e. and f. Flues for same. G. Sitting Room Fire-Place. H. Parlor Fire-Place. g. and h. Flues for same. I. Arched Opening.—Fig. 2. Shows the Brackets, Siding, and Eaves of the Roof.—Fig. 3. Shows the Mode of Constructing the Piazza.

Estimate \$760.

SECTION 6.52

The first of the two main parts of the report is a description of the work done during the year.

The second part is a summary of the results of the work.

The third part is a list of the names of the persons who have contributed to the work.

The fourth part is a list of the names of the persons who have been assisted in the work.

The fifth part is a list of the names of the persons who have been employed in the work.

The sixth part is a list of the names of the persons who have been paid for their services.

The seventh part is a list of the names of the persons who have been given awards.

The eighth part is a list of the names of the persons who have been given honors.

The ninth part is a list of the names of the persons who have been given titles.

The tenth part is a list of the names of the persons who have been given degrees.

The eleventh part is a list of the names of the persons who have been given diplomas.

The twelfth part is a list of the names of the persons who have been given certificates.

The thirteenth part is a list of the names of the persons who have been given diplomas.

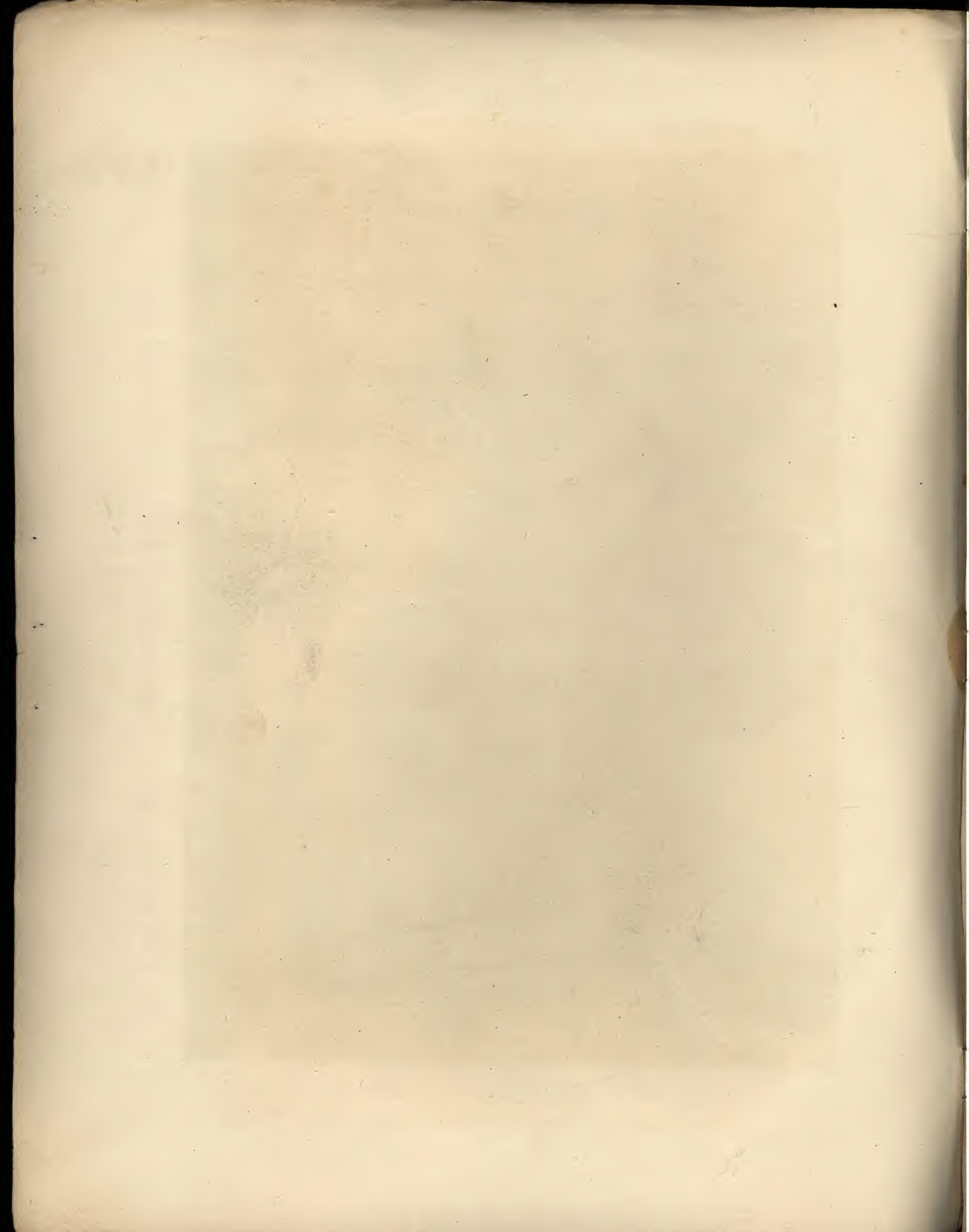
The fourteenth part is a list of the names of the persons who have been given diplomas.



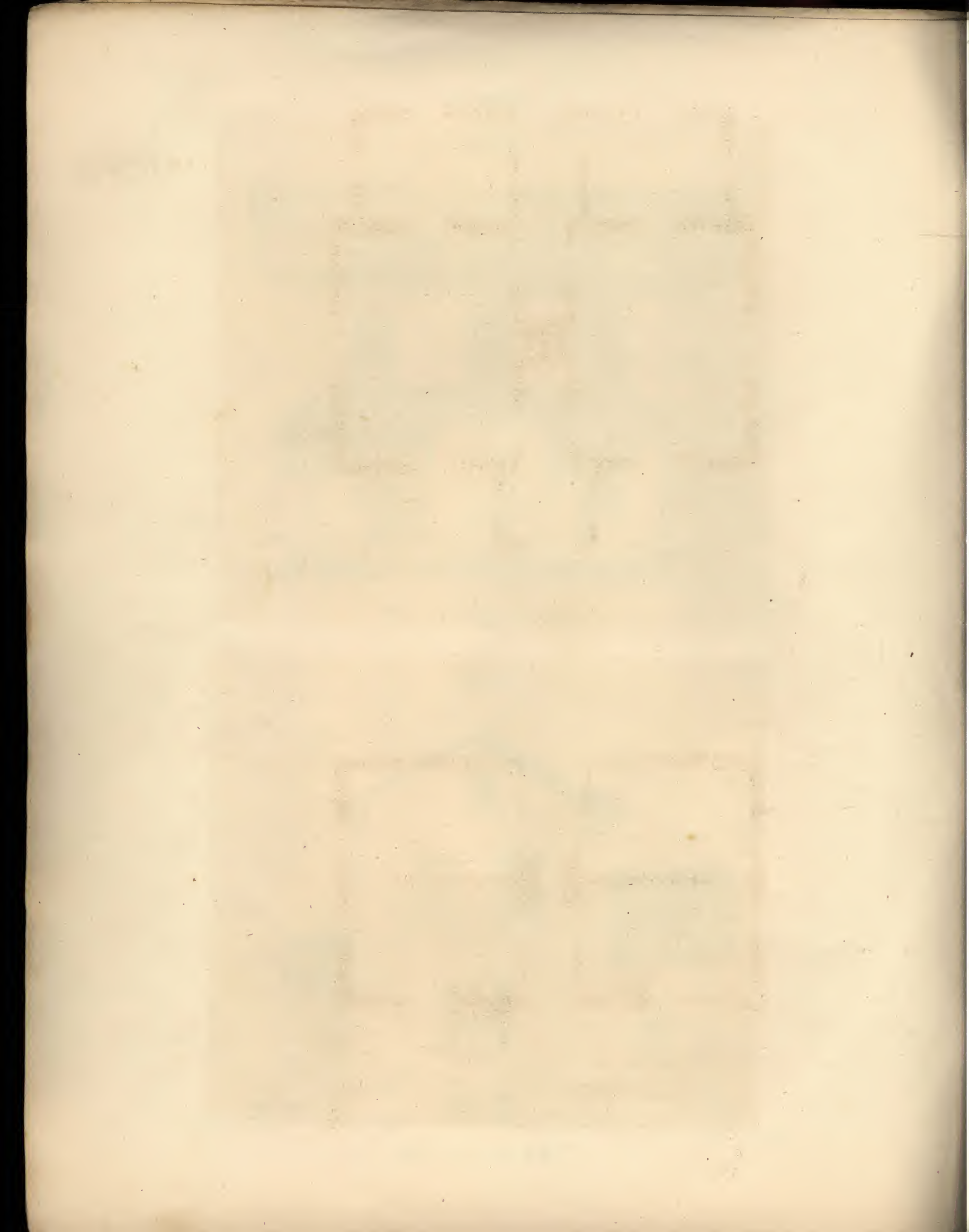
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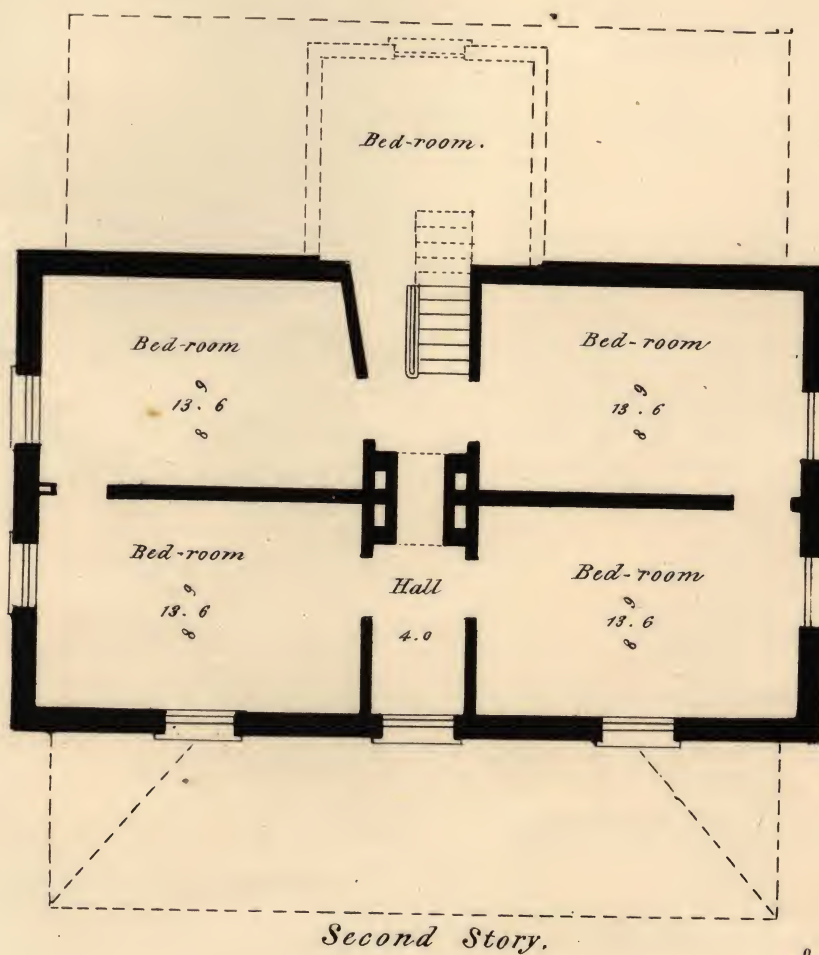
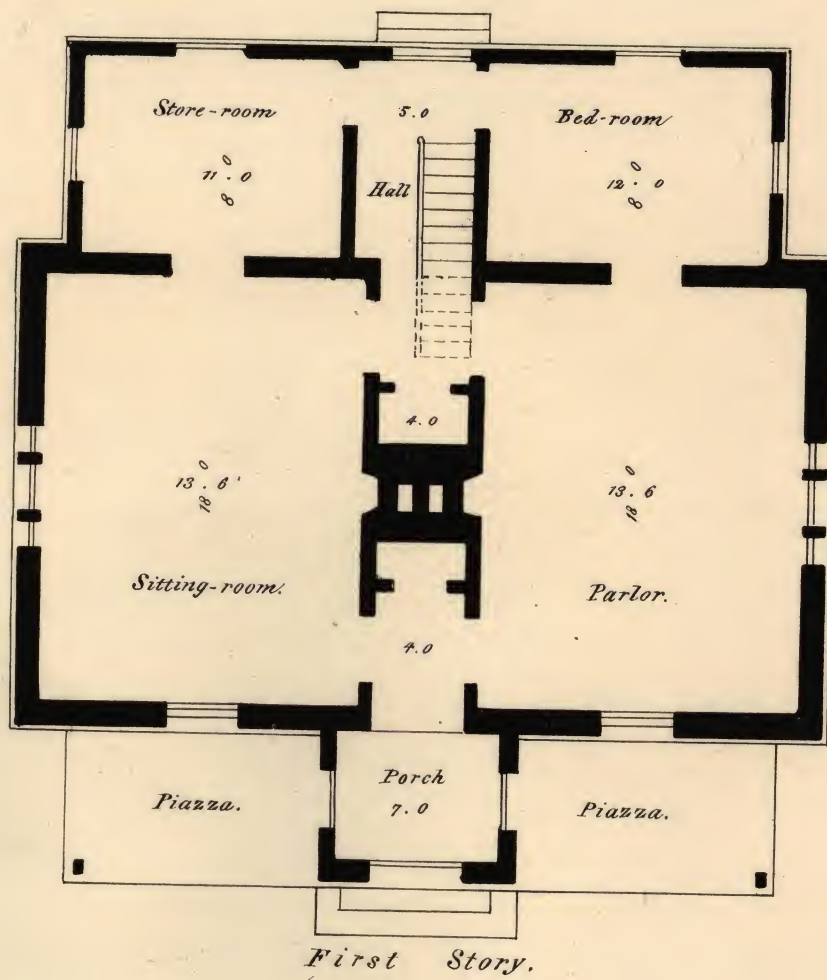
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PERSPECTIVE VIEW.

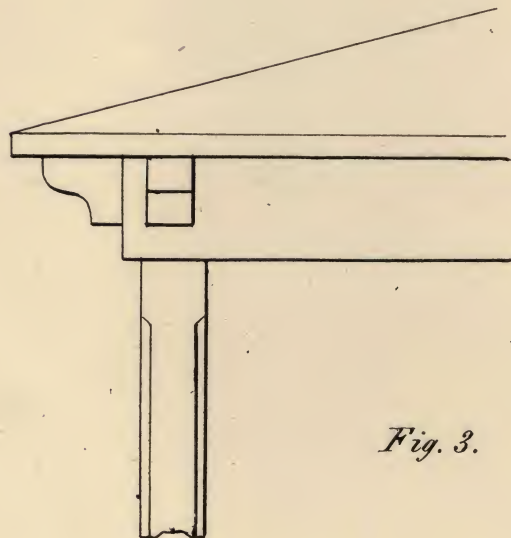
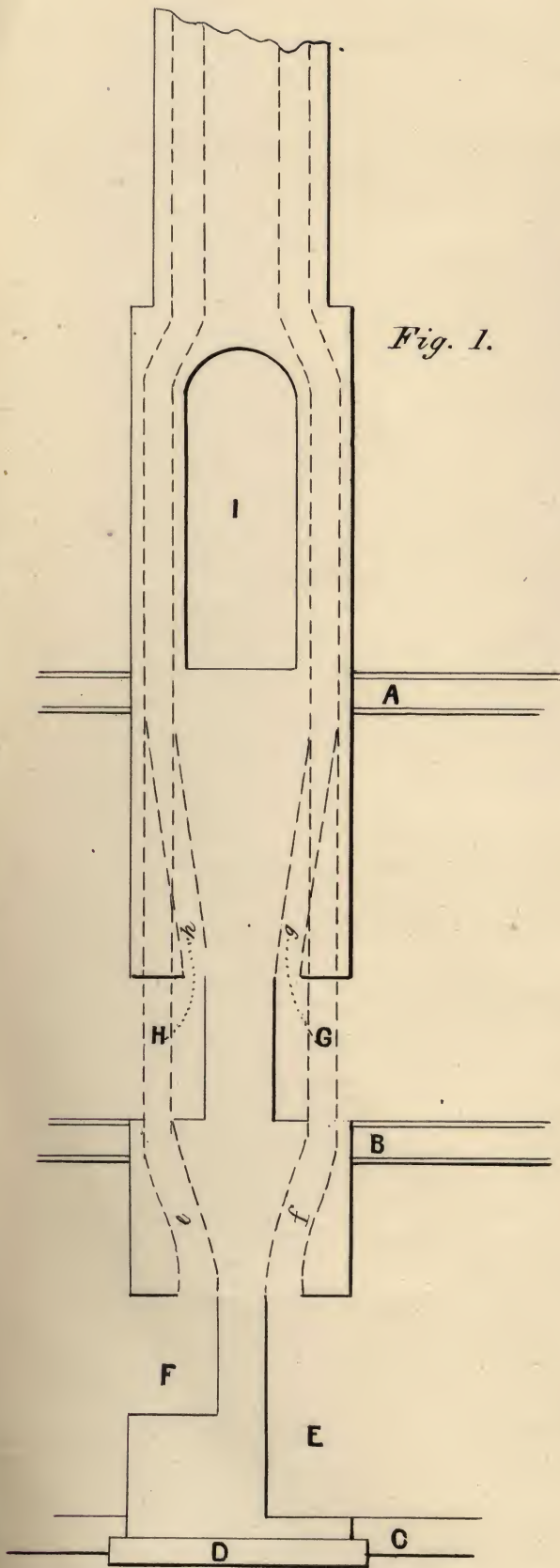








Scale: $\frac{1}{8}$ of an inch to a foot.



DESIGN NO. 14.

CARPENTERS' SPECIFICATION.

- Dimensions.** THE main building is thirty-four feet wide by 19 feet 6 inches deep, and two stories high, with a cockloft. The wing is 8 feet 8 inches deep, and 30 feet wide; it is one story high. A cellar under the entire building. For the arrangement and subdivision of the several stories see the plans.
- Stories.** The cellar will be 8 feet; first story 9 feet 6 inches; second story 8 feet.—All the stories to be of the above height in the clear when finished. The mason will make the necessary excavations.
- Timber.** The posts 5 by 8 inches, sills 4 by 6 inches, interties 4 by 8 inches, rafters 3 by 6 inches, and placed 30 inches, from centres. The beams will be 3 by 8 inches, and all placed 16 inches from centres. The trimmers and trimmer beams 4 by 8 inches; the door and window posts 4 by 6 inches;—all to be of the first quality northern, mill sawed, square edged, well seasoned, white pine, well framed and put on in the best manner. The pins of hard wood.
- Partitions and studding.** All the partitions to be set with 3 by 4 inch hemlock joist. The studs throughout the exterior frame will be 4 by 6 inch hemlock joist. The ceiling of the wing in the first story will be ferred down level over the two small rooms, to correspond in height with the under part of the floor of the small rear bed room in the cockloft of the wing.
- Windows.** For the number and size, see the drawings. They will all be made as French casements except in the wing, where they will have sash $1\frac{1}{2}$ inches thick, box frames, hung with weights, hemp cord and patent pullies. The sash of the other windows will be 2 inches thick, hung with butts, and fastened with French knob-latch and flush brass spring bolts.
- Siding.** The exterior siding will be done with rabbeted weather boarding, and all put on flush; to be done with $\frac{7}{8}$ inch white pine boards, and to average 6 inches wide; bead corner boards, &c. All to be free from loose or unsound knots, and to be well nailed. For the plan of weather-boarding, see plate of Details in No. 10.
- Roofs, Cornices, &c.** The roofs will be covered with the first quality pine bunch shingles—laid $4\frac{1}{2}$ inches to the weather, and securely nailed to oak lath of 1 by 2 inches; the lath to be well nailed to the rafters. A scuttle in the roof securely hung and fastened.
- Floors.** The first and second story floors, and that part of the cellar floor forming the kitchen, will be laid with the first quality, merchantable, mill worked, planed, tongued and grooved $1\frac{1}{4}$ inch white pine seasoned plank, of the usual width, laid in courses, well nailed, and to be free from black or loose knots, shakes, &c. The kitchen floor plank to be laid on locust sleepers, placed upon the ground, with their top sides levelled to receive the plank.
- Base.** A plain broad bead base, 6 inches high, throughout the house.
- Doors and Trimmings.** The entrance doors will be $1\frac{3}{4}$ inches thick, double faced, made in 4 panels, hung with butts, and fastened with 7 inch rim-locks. The parlor doors will be $1\frac{1}{2}$ inches thick, double faced, made in 4 panels, hung with butts and fastened with 6 inch rim-locks. The other doors will be $1\frac{1}{4}$ inch thick, single faced, made in 4 panels, hung with butts, and fastened with 5 inch rim-locks, brass knobs and escutcheons to all the locks. The locks and butts all to be of the best quality American manufacture. The doors and windows throughout the first story to be trimmed with 4 inch bead casings with band mouldings. The windows trimmed with plank sills. Venetian blinds to each window, securely hung, and fastened with patent fastenings.
- Stairs.** Will be as shown on plan. The steps $1\frac{1}{2}$ inch thick. The risers 1 inch thick, of white pine; $2\frac{1}{2}$ inch round rail, $1\frac{1}{4}$ inch plain turned balusters, 4 inch newel. All of hard wood, and well varnished. The stairs to the cellar enclosed, with a door at the top; step ladder from second story to the roof.

- Piazza.** As shown by drawing. The floor laid with planed, tongued and grooved white pine plank. The roof to be covered with common H. tin, soldered and warranted tight. Piazza to be ceiled with tongued, grooved, and beaded narrow $\frac{7}{8}$ inch boards, well nailed. The centre of piazza enclosed for a porch, as per plan, and wainscoted to the height of 3 feet from the floor.
- Mantels.** Neat, plain pilaster Mantels, with base caps, shelf, frieze, &c. to the two principal rooms, painted imitation of marble; $1\frac{1}{4}$ inch shelf to kitchen fire-place, supported by $1\frac{1}{4}$ inch brackets; all well varnished.
- Painting and Glazing.** All the wood work usually painted, to have two good coats of pure best white lead in oil. The Glass throughout to be of the first quality American cylinder, free from stains and defects.
- Materials.** To be of a good quality. The work to be done in a substantial, workmanlike manner.

MASONS' SPECIFICATION.

DESIGN 14.

- Digging.** The mason will excavate for the cellar under the entire building.
- Foundation.** A base course composed of large stone, each piece at least 2 feet long, and of proportionate width and thickness, laid crossways, edge to edge, under the entire length of walls; the flat side of the stone underneath the joints filled with stone chips and mortar. The top of base course to be 6 inches below the cellar floor. From the base course the walls will be 18 inches thick up to the proper height to receive the timber sill. The exterior wall above ground will be laid in courses and pointed, and all built of good hard stone, laid in best lime and sharp sand mortar.
- Brick Work.** The chimney will be as shown on plan, built of hard burnt brick, laid in best lime and sand mortar; built as per drawing; carried out above the roof, and capped with stone. Trimmer arches for hearths. Piers for piazza and porch.
- Plastering.** The first and second stories throughout and the kitchen to be lathed, and plastered two coats and a skim, finished plain. Long sound hair; best Thomaston lime, Croton plaster; all mixed in the best proportions.
- Fire Stuffs, &c.** Brown stone fire stuff to two fire-places. Blue flag hearth to kitchen fire-place.
- Materials.** To be of good quality, and the work done in the best manner.

A D D R E S S .

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